Fort Macon Beaufort vicinity Carteret County North Carolina

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District of North Carolina

Historic American Buildings Survey

Prepared at Washington Office for Southeast Unit

N.C. N.C. BEAUF.V

FORT MACON
Beaufort vicinity, Carteret County, North Carolina

Owner: United States Government

Date of erection: 1828-35; restored 1936

Present condition: Good

Description:

The fort is built in the sand dunes and is invisible from a distance. It is composed of an outer and an inner row of defenses, pentagonal in form. The moat between the two was formerly filled by the tide, but at one time it was filled with sand and so remains. The lower rooms of the outer defenses are flooded and inaccessible. The inner court is entered by an arched slype and is surrounded by vaulted chambers assigned to various uses and covered with sheet lead and sand to form the gun emplacements. These ramparts are reached by stone staircases supported on arched brick carriages.

Additional data:

A fort was built on this site in the middle of the eighteenth century which the present fort superseded. It was occupied by the Confederate Army until April 24, 1862, when it was captured by Burnside. It was garrisoned in the Spanish American and World Wars. It had strategic value as commanding Beaufort Inlet. In 1936 it was turned over to the State of North Carolina for use as a State park and was restored by the National Park Service and the State Conservation Commission.

Reference: North Carolina Guide, p. 518

Author:		
Approved:	9/11/40	

For more than two hundred years the location of the present

Fort Macon has been the site of different fortifications for the protection of Beaufort and other Coast towns from invasion from the eea.

Edward Teach (Blackbeard) and other pirates passed through Old Topsail

Inlet (now Beaufort Inlet) at the entrance to Bogue and Core Sounds on
(1)
their way to hiding places in the sounds.

The first fort built at the Inlet was built by the Lords Pro(2)
prietors early in 1700 to keep guard over Beaufort and Bath, the two
most important ports next to Wilmington in the region of what is now
North Carolina. Twice it fell into the hands of plundering Spaniards.
Spanish pirates captured the fort in 1731. A decade later the Spanish
invasion from the West Indies broke down its defenses, but at so great
(3)
a cost that it had to be evacuated.

As early as 1712 there is mention of forts near this location (4)
for protection against the raids of the Spaniards. It was named in
honor of Governor Edward Hyed. Its object was to protect the inhabitants
of the region from the Indians following their frightful massacre of 1711.
This was probably not at the exact location of the present fort, but early
fortifications at that site did protect the early colonists from Indians,
(5)
pirates and Spaniards.

Governor Arthur Dobbs, in 1756, built what was known as a fascine fort on the location of the present structure at a cost of 1,392 pounds sterling, according to Abernethy's History of Carteret

County. This was named Fort Dobbs originally, but was later changed
(6)
to Fort Hamilton.

On July 10, 1756, Governor Dobbs wrote to the Earl of London that the people of North Carolina "had appropriated \$1500 currency to erect a battery at Old Topsail Inlet or Port Beaufort, to defend that Harbor, there being deep water on the barr". Governor Dobbs stated in his letter that "he went also to Port Beaufort to fix upon a place for a Battery thereupon Bogue Banks". He said that "the house is already up and covering, and as it will be a fascine Battery and want no raising or piling, it will be soon finished".

one which commands the entrance from the Bar and the other defends the Barbour. We purpose only 8 twelve pounders for the face next the Bar, and six six pounders for the other face with a Gunner Ordnance Stores, etc. and about thirty men to defend the Battery and House against any small Privatesse, these altogether will require an independent company of 120 men or two companies of 50 each which will be more expensive, this colony has never yet had an Independent Company nor any assistance from Britain, altho; we have an extensive sea Coast and about 300 Vessels great and small (8)

Target practice was carried on at Fort Hamilton (Hampton?) by
(9)
the British during the Revolutionary War.

According to a report made to the Lords Commissioners for Trade and Plantations about 1760 the battery at Old Topsail Inlet was

Weenver Coltections Figs/81 Of Co. Coleges furnished with barracks but there were no guns to mount upon them except (10) old ship guns carried from Fort Johnston.

when the Revolutionary War broke out it became necessary to strengthen the fort at Beaufort. The committee appointed by the Provincial Congress which met at Halifax on April 4, 1776, reported that, in their opinion, "the situation of Beaufort and the Inlets adjacent are such that it appears absolutely necessary that a considerable military force should be stationed at or near said town, to prevent our enceies from landing there". It recommended that until further provision was made for the defense of the County, "the company of 50 men now raised by the Committee of said county be continued for that purpose so long as the caid committee shall judge it necessary". On April 26, 1777, the General Assembly appointed a committee "to enquire and make report on the defense immediately necessary for Ogracoke Inlet and the part of Beaufort and (12)

The first fort stood until the end of the Revolution. In 1791
the Federal Government ordered a new fort built nearer the Inlet and
(13)
named it "Fort Hamilton" in henor of Alexander Hamilton.

On September 20, 1777, a group of residents of Carteret County
wrote to Governor Caswell, setting forth the critical situation of Beauw
fort, and requested a few pieces of ordnance placed at the Inlet. They
presumed that with three or four 6 or 4 pounders they could secure the
(14)
Inlet from the attempts on Trader. Three months later the General
Assembly ordered Mr. John Easton of Carteret County to "take and keep in
his possession until directed all gums, ammunitions and other arms be-

longing to the public now in the hands or possession of the Officers and Soldiers of the Independent Companies lately stationed at Ocracosk (15) and Beaufort Inlets".

The small garrison which was maintained at Beaufort during the war was inadequate for its protection and in Movember, 1780, certain inhabitants of Carteret County petitioned the Governor and Council of North Carolina to allow their quota of drafted men to remain in the county. They claimed that nearly all of the young and able bodied men belonging to the county had gone to see and that if the present quota were taken from them they would not be able to withstand the weakest (16)

On March 30, 1782, General Greene wrote to General Summer, informing him that a force consisting of four vessels, mounting in the
whole to 40 guns and manned with 250 seamen was preparing in Charleston
and would sail in a few days. Their object was to plunder and destrey
(17)
the town of Beaufort.

In 1803, the State of North Carolina ceded to the United States

Government part of the present tract, and, later, in 1826, conveyed about
(18)

405 acres more for the sum of \$1,287.00. By an Act of the State Legislature, ratified December 18, 1807, the State ceded to the Federal Government for fortification purposes five acres of land in Carteret County,
subject to the provise that a fort should be erected thereon within three
(19)
years. A tract of six acres and 118 square perches was acquired by
deed dated May 1, 1810, from Jonas Small and Joseph Davis, for \$200.00.

The title to 405.59 acres was obtained by the Federal Government, pur-

suant to an Act of the North Carolina General Assembly ratified January (21)
4, 1826.

Under this Act the State obligated itself to get title to the land in question and transfer it to the United States in case the proprietor of the lands should refuse to convey it to the United States or should be unknown. On June 1, 1826, Judge J. R. Donnell of the Superior Courts of Law and Equity issued a writ of venire facias to the Sheriff of Carteret County, commanding him to draw a jury to value, lay off and allot to the Federal Government the necessary land. On October 11, 1826 (22) the State was paid for the land \$1,287.00.

In 1811 Nathanael Macon had secured an appropriation of
(23)
\$302,500.00 for building the citadel to protect Beaufort Inlet. Plans
(23)
and estimates for building the fort were not made, however, until 1824.
OnWarch 24, 1826, the Chief Engineer issued a report in which he estimated the expense of building the fort to take the plan of the ruins of
(24)
Fort Hampton to be \$175,000.00.

Work on the new fort began in July, 1826. The first masonry (26)
was laid in June, 1827. Two months later there was a severe storm
which seriously injured the new fort. The damage was soon repaired,
however, and the Chief Engineer in his annual report for the year 1828
(27)
stated that the masonry had made considerable progress.

Due to the difficulty of securing a suitable supply of brick of a suitable quality, progress on the fort was not as great as expected (28) during the year 1829. In addition to this handicap it was discovered

HYRRIGHER CONTROLLOR TREVEL OF NOW later that the encroachments of the sea threatened the safety of the fort.

During the year, 1834, the wharf which had become useless from decay was rebuilt and also a dibe to comment it with the fort. The results of the operations which had been carried on for the preservation of the beach proved very satisfactory. It was reported by the Chief Engineer on Movember 1, 1834, (annual report for year ending September 30, 1834) (32) that the fort was completed and ready for inspection. In his report of Movember 15, 1835 (year ending September 30, 1835) it was stated that the fort had been completed and was now garrisoned. The total amount (33) expended on the fort up to September 30, 1835, was \$349,384.94. (The Raleigh News and Observer says it was completed at a cost of \$463,790.00).

The fort was built by William Poke. It was named Fort Macon in honor of Nathaniel Macon, Senator from North Carolina, who secured the (36) appropriation.

Fort Macon was first garrisoned by United States troops on (37)

December 4, 1834. They were a battery of artillery men under the cou(38)

mand of Captain R. N. Kirby, a native of Connecticut. The garrison

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was withdrawn February 3, 1836 but it was replaced July 28, 1842.

The Fort occupies the eastern extremity of Bogue Island and commands Beaufort Harbor. The tawn of Beaufort lies about two miles off. (40) a little east of north, agrees the harbor.

The fortress covers about eight acres. Outside defenses are arranged in the shape of a huge square, the sand and masonry walls, twenty feet thick, extending more than a score of feet in the sand, making the breastworks invisible from the sea. Powder and shalls were stored in (41) lower magazines. The outer walls are approximately thirty feet in height.

Between the cutside defenses and the secondary defenses which form the fort preper is a most twenty to thirty-six feet wide and about fifteen feet deep. There is a sanal about ten feet wide in the center of the most. This esnal was originally filled to a depth of four or five feet with water. The most was spanned by a drawbridge from the transay which led from the boot landing pier on Begue Sound.

The fort itself is a five sided figure of irregular shape. But two of the five sides have the same length. Beginning with the road-way entrance side, and continuing around to the right, its dimensions are as follows: 305 feet; 290 feet; 175 feet; 175 feet; and 195 feet, making a total distance around the outer mall, or parapet, of 1,140 feet.

In the center of the fort is an epon court shaped exactly as the outer walls. The space between the two walls which form the second-ary defense is divided up into thirty-four separate compartments, all

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with underground communicating doors. The larger of these rooms are 20 by 38 feet, with beautifully arched ceilings, which were originally lathed and plastered.

The workmanship displayed in all the arches and walls is un(42)
surpassed even by modern workmanship. Some of the most intricate designs in brick work in America are found there. Hundreds of brick were
shaped carefully to fit in mosaic like displays for arches, floor and
(43)
walls.

In the fort are underground compartments at three corners of the fortification, each 23 feet by 23 feet, in which ammunition and other supplies and equipment were stored. Inside the parapet wall and five feet from the top is a brick area-way about twenty feet wide with a coping of brown stone slabs, four feet in width, extending around the entire circuit of the most. The outer wall is eighteen feet high and four feet thick. It is filled with earth and sand around the outer side and forms a huge, sleping mound or rempart of more than four agrees. Immediately behind this wall were constructed the emplacements and circular iron tracks for the funs, those cannon, thirty three in number, were so placed and mounted as to guard the channel approach to Beaufort Harbor.

A garrison of one thousand men could be accommodated comfortably in the fort. It is provided with kitchens, bakeries, laundry and (44) storage rooms.

It is not known when the garrison which was placed at Fort

Macon in 1842 was withdrawn but for years prior to the Civil War it had

been occupied only by ordnance serjeents who had charge of the property.

HYBEHIVER CONTECTIONS

THE SHAKE OF CONTREST

During the troublesome days in 1860 when war seemed imminent the question arose as to what action the Federal Government would take in regard to the United Army posts in North Carolina. These were Forts Fisher, Caswell, Macon, and the Fayetteville Arsenal. Early in November troops were sent to the arsenal at Fayetteville at the request of the Mayor and Citizens of Fayetteville who feared an insurrection.

Excitable people became convinced that all the United States Army Posts were likely to be regularly garrisoned and a movement to take possession (45)

In January 1861, Governor Ellis was approached in regard to the matter and was urged to order the siesure of the posts, but he fefused even to consider the proposal. After Forts Caswell and Jeliston had been siesed, however, by the Cape Fear Minute men, a group of citisens of Wilmington ordered the forts to be evacuated. Governor Ellis then made inquiries in Washington as to the intentions of the WarDepartment in regard to the forts. He asked the President if the posts were to be garrisoned and was assured by Secretary Holt that the Administration regarded the forts as safe in "law-abiding North Carolina", but in the event of their being threatened, they would be protected.

On April 17, following his refusal of troops to President Lincoln, Governor Ellis issued a call for a special session of the Legislature to begin on May 1. Fort Macon had already been taken and he now ordered the siesure of the others, which was accomplished at once.

By the following September the Mar was well under way, yet

Fort Macon was entirely inadequate for the defense of Beaufort Harbor.

On September 4th, Mr. H. K. Burgwyn wrote to Mr. S. R. Mallory, Secretary

of the Confederate States Navy, pleading for reinforcements for Fort Macon.

He reported that Fort Macon had not one practical gumner. It had no

fuses, rifled cannon or ordnance officer and only raw troops without

(48)

proper supplies.

Six weeks later Fort Macon was still unprepared and BrigadierGeneral D. H. Hill, who had been placed by the Secretary of Far in charge
of the coast defense of North Carolina from Fort Macon to the Virginia line,
sent an urgent appeal to the Secretary of War to send reinforcements. He
declared that Fort Macon sould not be held without four more efficient
guns of long range and reported that it then had but four guns of long
range and they were illy supplied with ammunition and mounted on very
inferior carriages. Nevertheless, the Secretary of the Navy was unable to
comply with General Hills request and simply referred the matter to the
(49)
Secretary of War.

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THESES OF CONCECTOR

Early in September, 1861, a rumor was spread abroad by the British ship "Alliance" at Beaufort that the blockeding squadron was preparing to attack Fort Macon on the morning of September 8th. Governor Clark of Morth Carolina wrote to Secretary of War Mallery informing him of the rumor. He stated that the fort had no gunners who could manage the guns and requested that the fort be supplied with officers who understood the use of (50) guns.

Although the threatened attack did not actually take place, there are indications that the scare occasioned by the rumor did awaken the Confederate authorities to the inadequacy of the Fort. On September 30th, George A. Printess, Commander of one of the Federal ships stationed off Beaufort, reported that Fort Macon had been very much strengthened within the past twenty days. The barbette guns had been protected and obstructions removed in front of the casemates. He estimated that as many as seventy five guns were then in position and said that others were being added daily, including a number of rifled cannon. About two thousand men were cantoned outside the fort.

Prenties reported that the fort could be carried but that it would require ten thousand men to cooperate with the fleet. He cutlined a plan of attack by which fort Macon was to be flight on from three directions. In his opinion the fleet could form in line outside the bank at a distance of a mile and a half in four and one half fathoms of water. The troops could easily land on Shackleford and Bogue banks, out of range, and, supplied with sand bags, could in a single night secure themselves from attack. Prenties thought that they could then advance their work at pleasure on Shackleford to within, a mile and a half of Macon and on Bogue as near as half a mile. In his opinion the fort could not (51) withstand this triple fire. It must fall and the garrison could not essape.

Three months later, Frentiss learned from a boy who had served as eervant in the fort that there were about four hundred men within the walls of the fort. There were casemates with a curtain in front, but no guns

mounted. They were used as quarters for men and officers. There was a battery of four guns on Harker's Island. In all the boy reported about two thousand regulars at six different points near the Fort. Prenties ventured that with five hundred men and six guns and with entrenching tools (52) he could take and hold against all comers the harbor on Shackleford Bank.

Before General Burnside could safely attempt to carry out his plans of moving on Goldsboro, Raleigh, Fort Caswell, and Wilmington, he felt it necessary to undertake the capture of Fort Macon. The possession of Macon would leave no confederate stronghold to menace his rear. More important still, his forces, until Macon was in his hands, would have to be supplied by small light draft vessels which, after daring the storms of Matters, had to thread a tortuous way through the sounds to New Bern.

Fort Macon controlled the harbor of Beaufort, the best on the Morth Carolina Coast. By its capture the Federals in Morth Carolina would have quick access by open sea to Fort Monroe and Washington, and their army could be supplied by the largest steamers. Moreover, the Atlantic Block-ading squadron would always have a convenient temporary base and a commod-ius refuge in time of storms. Immediately, therefore, after the Battle of New Bern, General Burmaide started General Parke with portions of his brigade to take possession of Moorehead City, Carolina City, and Beaufort, and to invest Macon.

The inlet to the sound, a narrow passage, separates Bogue Banks from Shackleford Banks, almost due east, and gums of ordinary range could easily reach the fort from the point of Shackleford Banks just opposite.

Beaufort is about two miles northeast of the fort, and Carolina City

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Parkes headquarters, is about five miles northwest. Outside of the range of the guns on the land face of Macon, the fort was absolutely unprotected.

The garrison of Fort Macon, commanded at the time of the siege by Colonel Moses J. White, consisted of four companies of the Tenth North Carolina Regiment and one Company of the Twentieth North Carolina. The total number of these companies as reported by Colonel White, was about four hundred. A three menths supply of provisions was always maintained in the fort.

General Parks, accompanied by the Fourth and Fifth Rhode Island and the Eighth Connecticut regiments, reached Carolina City just west of Morehead City on March 23nd. There, at the terminus of the railroad on the shore of Bogus Sound, he established headquarters. After the refusal by Colonel White of a summons to surrender the fort, General Parks began preparation for a regular siege, for the fort was too strong to be taken by assault. The difficulties in his was were great. The process by which the army organization had to transport everything needed for the siege (54) from New Bern to the desolate banks was slow and laborious.

In carrying out his plans for investment, Parke stationed the Sixth New Jersey as a rear guard at the Trenton bridge, which had been rebuilt by the Fifth Rhode Island after the Confederates burned it. Carolina City was occupied by two Companies under Major Allen, and Beaufort by three Companies. A gunboat served to blockade Core Sound and two or three small boats cut off the fort from all communications through Bogue Sound. The first troops were transported to Bogue Banks on March 29th. From that

time until April 10th every available hour of night and day was spent (55) in transporting men, siege trains and supplies.

On April 4th, Fort Macon was fired upon by the blockading (56) squadron and the fire kept up for one and one-half hours. There is no record, however, that any damage was done to the fort by this bombardment.

The grim fort was stripped for battle. Outside buildings were burned; boats at the docks were destroyed; wooden protections from weather were torn away; sandbags were placed to protect guns and gunners; ammunition was laid out. Stock was taken for the Commanding Officer. For the commissary department Captain C. W. King reported an ample supply of provisions. The returns from the ordnance officer, Lieutenant Thad Coleman, were not so pleasant. He reported a sufficiency of shot, shell, and fuses, but less than a three day's supply of very inferior powder if the fire of the gums were continuous.

Thus equipped the fort awaited the coming bombardment. There was, however, nearly a month to wait for the final ordeal. During this period General Parks dispatched to the banks eight companies of the Fourth Rhode Island Regiment, seven companies of the Eighth Connecticut Regiment, and the Fifth Rhode Island Battalion, Company C, First United States Artillery, and Company I, Third New York Artillery. Signal stations were established to communicate with the fleet and the shore towns.

After the landing of these troops the confederate outpost of one company under Captain S. D. Poul was driven into the fort. Three batteries were set up behind sand knolls. These sand knolls, covered at times with

HVPSHIVES COLFECTIONS
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stunted trees, afforded excellent cover for artillerymen and their infantry supports. The first battery of four 10-inch mortars, commanded during the bombardment by Lieutenant D. W. Flagler, was located near the marsh and about 1.680 yards from the fort. Captain L. O. Morris' battery of three 30 pounder Parrotts was 200 yards in advance and to the right of the first. A battery of four 8-inch mostars in charge of Lieutenant M. N. Prouty was placed another 200 yards in advance and near the sea. These guns were only 1.280 yards from the fort. In addition to the batteries, rifle pits had been dug at intervals across the front to repel any sortie by the Confederates and to shelter sharpshooters who had been pushed in close to pick off gumners in the fort. These trenches received from thirty to fifty shells each day from White's forces. The betteries were connected by trenches which zig sagged around the sand hummocks. Me batteries were erected on Shackleford Eanks or at Beaufort as had been planned.

While the land forces were thus preparing for the siege, four United States War ships stood by waiting for the moment to attack.

Commander Samuel Lockwood, in charge of the squadren, reported on April, 19 that he had held a consultation with the Commanders of the different vessels relative to their several duties and submitted a plan of attack (59) on Fort Macon by the naval forces.

The thirteen guns of the land batteries opened a simultaneous fire about sumrise on April 25th. When the thunder of these heavy guns was heard at sea, Commander Lockwood bore down close to the breakers with his four ships carrying twenty-three guns and joined in the fierce bom-bardment. The weight of metal converging against the isolated fort was,

however, not yet completed. apparently under General Burnside's personal direction the two floating batteries of Nichols and Baxter, armed with four rifled Parrott 30-pounders and one wiard 12-pounder, were towed into position for action, but owing to high winds, only one of these guns could be used. As soon as the fleet ran within range, the heavy guns of Guion and Pool in the fort were swung seaward. The squadron, no doubt, escaped greater damage because its officers followed in this conflict, too, the practice recently introduced into the navy by Stringham; they discharged their guns, not from anchor, but as they steamed rapidly by their objectives in a continuous circle. After an action of an hour and a quarter, Lockwood's squadron was compelled by the violence of the sea to withdraw. Their retirement was a disappointment to Fool and Guion, who had set their (60) hearts on sinking some or all of their boats.

On uninterrupted fire from the Federal land betteries continued for ten house. We Confederate guns on the parapet facing the entrance to the harb-r could be brought to bear on the land betteries mer could those on the parapet facing Beaufort. Hence the fort could use only half of its guns. From the Federal observation tower in Beaufort, signal officers corrected with remarkable precision errors in the ranges of their gunners (61) on the banks.

Fort Macon surrendered after being bombarded for ten hours.

(63)

Burnside had spent five weeks in the siege. Flag Officer Coldsborough
(64)

congratulated Commander Lookwood on the capture and reported to the

Secretary of the Navy on May 2, that Fort Macon was in the possession of

(65) the United States.

The fort was garrisoned by the Federals immediately after its evacuation and occupied by them until the close of thewar. The confederate loss during the bombardment was seven killed and eighteen wounded; the (66) union loss was one killed and three wounded.

There were but two articles in the terms of capitulation agreed upon for the surrender of Fort Macon. The first required that the fort, armament, and garrison be surrendered to the forces of the United States. The second article permitted the release of the officers and men of the garrison on their parole of honor not to take up arms against the United States until properly exchanged, and to return to their homes, taking with them all their privateseffects, such as clothing, bedding, books, etc.

The adquisition of the excellent harbor which Macon had hitherte guarded was an incalculable boon to the Federals. It gave them a deep water base that was in quick communicating distance with their central supply depote, a safe coaling station south of Fort Monroe, a minor repair station, and a commodius refuge from the storms off a dangerous coast.

The successes of the Burnside expedition, which closed with the surrender of Fort Mason, were permanently damaging to the state and to the Confederacy. If the central government had accurately informed itself of the strength of the impending invasion and then clearly estimated its own inadequate preparations to meet the land and naval forces of Burnside, the calamitous results would no doubt have been prevented, for enough disciplined troops were hurried into North Carolina, after both of these things were (68)

William (No.

Nor should the effect on the blockade business, which so largely furnished to the state and the Confederacy the necessities which were not produced in the South, be overlooked. Shile Beaufort and the inlete of the sounds were in Confederate hands, the daring blockade captains had choice of several ports on the North Carolina Coast, and ran for the one least guarded at the time of their approach. Hereafter they could make only for Filmington. Of course, too, the Federal fleet which had been patrolling (69) four hundred miles of coast now concentrated around that port very thickly.

North Carolina suffered an appalling property and territorial loss by the Federal blows which culminated in the taking of Fort Macon.

Henceforth, there were thirteen counties which were practically administered by Federal officers. Even in contiguous counties great quantities of cotton and naval stores were destroyed lest they should fall into the hands of Federal raiders. The people of the State as we find their feelings indicated by newspapers, letters and speeches were surprised and angered (70) by the apparently easy conquest of so much of their territory.

after the Civil War but little attention was paid to Fort Macon until the Spanish-American War in 1898. During the War with Spain the (71)

Fort was occupied by Colonel James Young and a company of negro soldiers.

It was supplied with two 100-pound Parrett rifles, and two 10-inch mortars were also mounted. No actual fighting occured there during the war, (72)

however. After the War all the guns were dismounted and the fort (73)

abandoned. Although the bulwarks were officially abandoned the Fort remained a military reservation of the Federal Government. The property was left in the care of the United States Government Coast Guard. (75)

Their headquarters were built immediately adjoining the fortification.

By dot of Congress, June 4, 1924, 412.3 acres, including the Fort, were granted to the State of North Carolina, to be administered as a park by the State Department of Conservation and Development. The formal (76) transfer took place in 1925. A strip of land about four hundred feet wide, extending from the Atlantic Ocean to Bogue Sound about one hundred yards west of the Fort proper was not included in the grant. This strip continued to be occupied and controlled by the United States Coast Guard.

The Fort Macon Coast Guard station is operated by the United States

Treasury Department. The guardsmen watch the Inlet. Atlantic Ocean,
and Bogue Sound surrounding the Fort property. Each year a number of

(77)
ships and boats in distress are helped by the crew of this station.

The main channel which was only a few hundred feet east of the fort until a few years ago has been gradually moved about two thousand feet eastward leaving a large area above water that will probably be (78) added permanently to the park tract by the planting of grass and shrubs. The Forestry Division of the North Carolina Department of Conservation and Bevelopment is conducting tree planting experiments on the Fark pre-(79) perty; and sand dumes along the new driveway have been anchored with (80) native myrtle, cedar, yapon and palms. The experiment was undertaken in the hope that it would prove the feasibility of afforesting part of the large bank area which extends all the way from Virginia to the South Carolina line. The Maritime, loblolly, slash and short leaf pines are (81)

The Park property is a wild life sanstwary. No one is permitted to hunt or molest any of the animals, birds or water fowl on the property. Many species of bird life and practically all native water and shore birds are found in or near the Park.

The shore birds consist of sandpipers of a number of species, turnstones, wilson plover, ships (migratory), willets, oyster catchers, clapper rail and several species of herons. There are many species of water birds which enhabit the vicinity of the Park. Some of them are

FABSHAEK COLLECTIONS

the herring, ringbill and laughing gulls, and the swift flying terms (royal, common, black and least). Others are the black skimmers, mergansers, coons, grebes, brown pelicans, bitterns and the double created cormorants. During the winter there are many species of ducks as well as geese and brant. Common land birds on and around the Fark are the boattailed grackle, fish crows, fish hawks, bald eagles, marsh wrens, seaside, sharp-tailed and marsh sparrows, mocking birds, kingfishers and painted buntings.

There is excellent salt water fishing around the State Park property. Trout, both speckled and gray, blue fish, spanish mackers, core (horse mackers), sheepshead, flounders, channel bass or drum, (82) hogfish, shark and blackfish are all found.

Plants which are found in the Park ares

Herbs on Inner Beaches.

Marsh Grass - Spartina patens
Sand Bur - Conchrus Tribuloides
Sea Groton - Croton Maritimus
Goosefoot, Pigwest - Chemopodium Botrys
Jerusalem Cherry - Physalis viscose

Saltwort - Salsola Kali

Trees and Shrubs.

Dwarf Palmetto Sabal glabra Red Cedar Juniperus Virginiana Ilex vomitoria Youpon Myrica Cerifera Wax Myrtle Zanthoxylum Clava - Herculis Hercules Club Querous Virginiana Live Oak Persea Pubescens Swamp Bay Osmanthus Americanus Devilwood French Mulberry or Beautyberry - Callicorpa llex glabra. Inkberry

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Herbs on Outer Beaches.

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Pigweed	•	Amaranthus pumilus
Marsh Grass	•	Spartina juncea
Shestnut Rush	-	Mimbustylis Castanea
	Dunes	
Sea Oats		Uniola paniculata
Jerusalem Cherry	•	Physalis viscoma
Sea Crotom	•	Croton punctatus
Goldenrod	-	Solidago sempervirens
Evening Primrose	•	Oenothera humifusa

Vines

Alabama Supplejack	•	Berchemia ecandens
Smilax	•	Smilax Bonanox
Laurel Greenbrier	-	Smilax laurifolia
Bullace Grape	•	Vitis rotundifolis
Virginia Creeper	•	Psedera quinquefolia
Poison Ivy	-	Rhus Toxicodendron (83)

The old Fort remained in a state of delapidation and decay until unemployment relief funds from the Federal Government were made available. Under the joint direction of the Hational Park Service and the State Department of Conservation and Development the restoration of the Fort was undertaken through the Emergency Conservation work progress.

(84)

It was completed in the fall of 1935.

Part of the improvement and restoration program which has been carried out includes the construction of a new road from the Atlantic Beach causway, making the park available for the first time by automobile. (85) Old garrison rooms and officers' quarters have been restored. The duplication of the cobblestone approach and hand carved woodwork required research in Washington, as also did the replacement of fire places, port-

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holes, plastering and floors in several rooms of the old fortress.

Ivy and debris were removed from the unique distern and drainage systems. Cannon balls, moulds, coins and other old relies were unequestioned at the site.

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